

## ECP•ECR•ECN Type

(Cotton Media plus Resin Core)

These cartridges are environmentally friendly string wound filters, constructed of Cotton Media and Resin Cores. Depending on the application, three types of core materials, polypropylene (ECP), reinforced polypropylene (ECR) and nylon (ECN) are available.

### Features

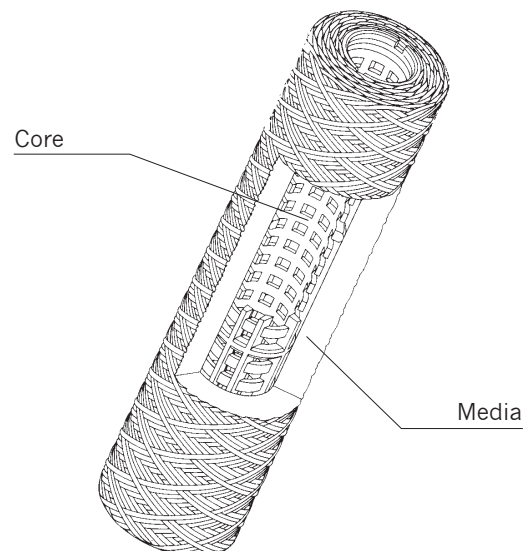
- These cartridges provide higher removal efficiency and longer service life, since the graded density slope is provided and particles with a wide distribution are removed throughout the entire depth of the filter media.
- The separation step can be eliminated when disposed, since resin cores are used.



### Major Applications

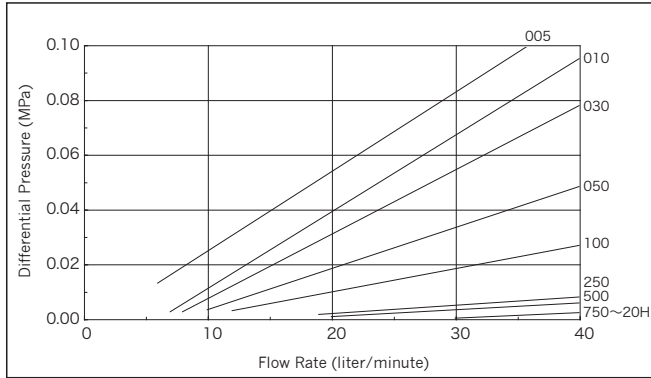
- General water for industrial use
- Beverage and make-up water
- Oils
- Chemical solutions
- Other

### Materials of Construction



## Differential Pressure vs Flow Rate

Fluid: Water(20°C)  
Cartridge Length: 250mm



※The data do not include piping pressure drop.

## Ordering Information

**250 L - ECR - 010 CZ F**

- [Nominal Length]**  
125 = 125mm  
250 = 250mm  
500 = 500mm  
750 = 750mm
- [Product Type]**  
P = Polypropylene Core  
R = Reinforced Polypropylene Core  
N = Nylon Core
- [Micron Rating]**  
005 = 0.5μm    250 = 25μm  
010 = 1.0μm    500 = 50μm  
030 = 3.0μm    750 = 75μm  
050 = 5.0μm    10H = 100μm  
100 = 10μm      15H = 150μm  
20H = 200μm
- [Packaging Code]**  
B = 6pcs  
C = 10pcs  
F = 25pcs

## Specification

Product Type	ECP • ECR • ECN											
Grade	005	010	030	050	100	250	500	750	10H	15H	20H	
Micron Rating (μm)	0.5	1.0	3.0	5.0	10	25	50	75	100	150	200	
Dimensions	Length (mm)	125 / 250 / 500 / 750										
	O.D. (mm)	61.0										
	I. D. (mm)	29.5										
Materials	Media	bleached Cotton										
	Core	Polypropylene (ECP)			Reinforced Polypropylene (ECR)				Nylon66 (ECN)			
Maximum Operating Temp.(°C)	80 (ECP)			100 (ECR)				※120 (ECN)				
Maximum ΔP (MPa)at 20°C	0.49											
Adaptable Food Sanitation Standard	Ministry of Health, Labour and Welfare, Notice 370											

\* If you need further information on specifications(length, end cap code, etc.), please contact us.

\*With regard to ΔP (MPa) at around operating temperature, please consult us.

\*Nylon core can not be used for high temperature water, please consult us in detail.

## End Cap Code



\*The contents of the catalog is subject to change without notice.